

SEP 13 2007

PTO/SB/08A (04-07)

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Substitute for form 1449 (Rev. 1-2001)

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 11

Complete if Known

Application Number	10/658,651
Filing Date	September 09,2003
First Named Inventor	Mark Reiley
Art Unit	3738
Examiner Name	ISABELLA, DAVID J

Attorney Docket Number 10002-701.410

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
4	US-	3,596,656	8/3/1971	Kaute	
7	US-	4,040,130	8/9/1977	Laure	
9	US-	4,156,296	5/29/1979	Johnson et al.	
10	US-	4,210,317	7/1/1980	Spann et al.	
11	US-	4,231,121	11/4/1980	Lewis	
13	US-	4,349,921	9/21/1982	Kuntz	
14	US-	4,394,370	7/19/1983	Jefferies	
15	US-	4,472,840	9/25/1984	Jefferies	
16	US-	4,611,581	9/16/1986	Steffee	
17	US-	4,693,722	9/15/1987	Wall	
21	US-	4,778,472	10/18/1988	Homsy et al.	
22	US-	4,805,602	2/21/1989	Puno et al.	
26	US-	4,917,701	4/17/1990	Morgan	
27	US-	4,950,270	8/21/1990	Bowman et al.	
28	US-	4,955,916	9/11/1990	Carignan et al.	
30	US-	5,000,165	3/19/1991	Watanabe	
31	US-	5,015,255	5/14/1991	Kuslich	
32	US-	5,019,081	5/28/1991	Watanabe	
34	US-	5,062,845	11/5/1991	Kuslich et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
290	FR	2726459	5/10/1996	Desauge Jean Pierre		
291	FR	2749155	12/5/1997	Albert P. Alby		
374	JP	10082605 A	3/31/1998	Takeuchi et al.		
373	JP	59010807 A	1/1/1984	Ando, Hisao		
305	WO	01/06939 A1	2/1/2001	Eurosurgical		
306	WO	01/15638 A1	3/8/2001	Cauthen Research Group, Inc		

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/658,651
		Filing Date	September 09, 2003
		First Named Inventor	Mark Reiley
		Art Unit	3738
		Examiner Name	ISABELLA, DAVID J
Sheet	2	of	11
Attorney Docket Number 10002-701.410			

U. S. PATENT DOCUMENTS					
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38	US	5,108,399	4/28/1992	Eitenmuller et al.	
39	US	5,129,900	7/14/1992	Asher et al.	
44	US	5,284,655	2/8/1994	Bogdansky et al.	
45	US	5,300,073	4/5/1994	Ray et al.	
49	US	5,312,409	5/17/1994	McLaughlin et al.	
51	US	5,314,476	5/24/1994	Prewett et al.	
52	US	5,314,486	5/24/1994	Zang et al.	
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55	US	5,350,380	9/27/1994	Goble et al.	
58	US	5,405,390	4/11/1995	O'Leary et al.	
62	US	5,445,639	8/29/1995	Kuslich et al.	
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68	US	5,507,823	4/16/1996	Walston et al.	
69	US	5,510,396	4/23/1996	Prewett et al.	

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307	WO	01/28442 A1	4/26/2001	Spine Next	
296	WO	96/00049 A1	1/4/1996	Fairant	

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77	US- 5,569,247		10/29/1996	Morrison	
80	US- 5,571,191		11/5/1996	Fitz	
81	US- 5,575,792		11/19/1996	Errico et al.	
82	US- 5,577,995		11/26/1996	Walker et al.	
83	US- 5,587,695		12/24/1996	Warmerdam	
84	US- 5,603,713		2/18/1997	Aust et al.	
85	US- 5,609,641		3/11/1997	Johnson et al.	
86	US- 5,643,263		7/1/1997	Simonson	
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90	US- 5,658,338		8/19/1997	Tullos et al.	
91	US- 5,662,651		9/2/1997	Tornier et al.	
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99	US- 5,683,466		11/4/1997	Vitale	
100	US- 5,688,274		11/18/1997	Errico et al.	
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		Art Unit	3738
Examiner Name	ISABELLA, DAVID J		
Sheet 4	of 11	Attorney Docket Number	10002-701.410

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108	US- 5,741,255		4/21/1998	Krag et al.	
110	US- 5,766,253		6/16/1998	Brosnahan, III	
359	US- 5,776,135		7/7/1998	Errico et al.	
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113	US- 5,800,433		9/1/1998	Benzel et al.	
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121	US- 5,866,113		2/2/1999	Hoensbroek et al.	
123	US- 5,879,350		3/9/1999	Sherman et al.	
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125	US- 5,885,285		3/23/1999	Simonson	
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143	US- 6,074,391	6/13/2000	Metz-Stavenhagen et al.		
144	US- 6,077,262	6/20/2000	Schläpfer et al.		
146	US- 6,086,590	7/11/2000	Margulies et al.		
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166	US- 6,340,361 B1	1/22/2002	Kraus et al.		
170	US- 6,368,320 B1	4/9/2002	Le Couedic et al.		
180	US- 6,565,565 B1	5/20/2003	Yuan et al.		
182	US- 6,572,617 B1	6/3/2003	Senegas		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/658,651
Sheet	7	of	11
		Attorney Docket Number	10002-701.410

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
247	US-	2005/0043799 A1	2/24/2005	Reiley	
253	US-	2005/0119748 A1	6/2/2005	Reiley et al.	
254	US-	2005/0131406 A1	6/16/2005	Reiley et al.	
255	US-	2005/0137705 A1	6/23/2005	Reiley	
256	US-	2005/0137706 A1	6/23/2005	Reiley	
257	US-	2005/0143818 A1	6/30/2005	Yuan et al.	
258	US-	2005/0149190 A1	7/7/2005	Reiley	
262	US-	2005/0234552 A1	10/20/2005	Reiley	
263	US-	2005/0235508 A1	10/27/2005	Augostino et al.	
264	US-	2005/0240264 A1	10/27/2005	Tokish, JR. et al.	
265	US-	2005/0240265 A1	10/27/2005	Kuiper et al.	
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267	US-	2005/0251256 A1	11/10/2005	Reiley	
268	US-	2005/0261770 A1	11/24/2005	Kuiper et al.	
269	US-	2005/0267579 A1	12/1/2005	Reiley et al.	
271	US-	2005/0283238 A1	12/22/2005	Reiley	
272	US-	2006/0009847 A1	1/12/2006	Reiley	
273	US-	2006/0009848 A1	1/12/2006	Reiley	
274	US-	2006/0009849 A1	1/12/2006	Reiley	

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Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 8 of 11

Application Number	10/658,651
Filing Date	September 09,2003
First Named Inventor	Mark Reiley
Art Unit	3738
Examiner Name	ISABELLA, DAVID J

Attorney Docket Number 10002-701.410

U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
276	US- 2006/0041311 A1	2/23/2006	McLeer		
277	US- 2006/0052785 A1	3/9/2006	Augostino et al.		
278	US- 2006/0058791 A1	3/16/2006	Broman et al.		
279	US- 2006/0079895 A1	4/13/2006	McLeer		
281	US- 2006/0085072 A1	4/20/2006	Funk et al.		
282	US- 2006/0085075 A1	4/20/2006	McLeer		
283	US- 2006/0100707 A1	5/11/2006	Stinson et al.		
284	US- 2006/0100709 A1	5/11/2006	Reiley et al.		
370	US- 2006/0149375 A1	7/6/2006	Yuan et al.		
285	US- 2006/0184180 A1	8/17/2006	Augostino et al.		
365	US- 2006/0265070 A1	11/23/2006	Stinson et al.		
368	US- 2007/0079517 A1	4/12/2007	Augustino et al.		
372	US- 2007/0088358 A1	4/19/2007	Yuan et al.		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/658,651
Sheet	9	of	11	Filing Date	September 09, 2003
				First Named Inventor	Mark Reiley
				Art Unit	3733
				Examiner Name	ISABELLA, DAVID J
				Attorney Docket Number	10002-701.410

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	371	YUAN et al; U.S. Pat. App. # 11/636,252 entitled "Prostheses, Tools, and Methods for Replacement of Natural Facet Joints with Artificial Facet Joint Surfaces" filed 12/08/2006.	
	367	BROMAN et al; U.S. Pat. App. #11/642,417, entitled "Arthroplasty revision system and method" filed 12/20/2006.	
	369	OHRT et al; U. S. Pat. App. # 11/724,927 entitled "Facet and disc arthroplasty system and method" filed 3/15/2007.	
	366	KUIPER et al; U.S. Pat. App. # 11/635,853, entitled "Crossbar Spinal Prosthesis Having a Modular Design and Related Implantation Methods", filed 12/08/2006.	
	376	REILEY et al; U.S. Pat. App. # 11/746,027 entitled "Facet Arthroplasty Devices and Methods," filed 5/08/2007.	
	377	REILEY et al; U.S. Pat. App. # 11/577,872 entitled "Facet Joint Prosthesis" which entered the U.S. from the National Phase 4/24/2007.	
	378	REILEY et al; U.S. Pat. App. # 11/577,923 entitled "Facet Joint Prostheses" filed 4/25/2007.	
	379	KUIPER et al; U.S. Pat. App. # 11/577,964 entitled "Crossbar Spinal Prosthesis Having a Modular Design and Systems for Treating Spinal Pathologies," filed 4/25/2007.	
	380	KUIPER et al; U.S. Pat. App. # 11/577,967 entitled "Crossbar Spinal Prosthesis having a Modular Design and Systems for Treating Spinal Pathologies," filed 4/25/2007.	
	381	REILEY, MARK; U.S. Pat. App. # 11/750,981 entitled "Facet Arthroplasty Device and Methods," filed 5/18/2007.	

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				Filing Date	September 09, 2003
				First Named Inventor	Mark Reiley
				Art Unit	3733
				Examiner Name	ISABELLA, DAVID J
Sheet	10	of	11	Attorney Docket Number	10002-701.410

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	382	BERG, et al; U.S. Pat. App. # 11/800,895 entitled "Minimally Invasive Spine Restoration Systems, Devices, Methods, and Kits," filed 5/7/2007.		T ²
	328	ABRAHAM, D.J. et al. "Indications And Trends In Use In Cervical Spinal Fusions." Orthop Clin North Am. October 1998; 29(4):731-44.		
	329	EICHHOLZ, K.M. et al. "Complications of Revision Spinal Surgery", Neurosurg Focus; (September 15, 2003), 15(3): pp. 1-4		
	330	FARFAN, H.F. 'Effects of Torsion On The Intervertebral Joints." The Canadian Journal of Surgery, July 1969; 12(3):336-41.		
	332	FARFAN, H.F. et al. "The Relation Of Facet Orientation To Intervertebral Disc Failure." The Canadian Journal of Surgery, April 1967; 10(2):179-85.		
	331	FARFAN, H.F. The Pathological Anatomy Of Degenerative Spondylolisthesis. A Cadaver Study. Spine. 1980 Sep-Oct; 5(5):412-8.		
	338	KIRKALDY-WILLIS, W.H. et al. "Pathology and Pathogenesis Of Lumbar Spondylosis And Stenosis." Spine. Dec. 1978; 3(4):319-28.		
	341	LAM, K. N., et al. X-ray "Diagnosis: A Physician's Approach." Springer-Verlag; 1998.		
	343	LOMBARDI, J.S. et al. "Treatment Of Degenerative Spondylolisthesis." Spine. 1985; 10(9): 821-7.		
	344	MCMILLIN, C. R. et al. Artificial Spinal Discs with up to Five Years Follow-up. 20th Annual Meeting of the Society for Biomaterials (Abstract) 1994; Page 89.		

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	347	POSNER, I. et al. A "Biomechanical Analysis of the Clinical Stability of the Lumbar and Lumbosacral Spine." Spine. 1982; 7(4): 374-389.	
	348	ROSENBERG, N.J. "Degenerative Spondylolisthesis. Predisposing Factors." The Journal of Bone and Joint Surgery. 1975; 57-A(4): 467-74.	
	350	SLONE, R. M. et al. Body CT: A Practical Approach. The McGraw-Hill Companies; 1999.	
	351	STOUT, G. H. et al. X-Ray Structure Determination: A Practical Guide. 2nd Edition. John Wiley & Sons; 1989.	
	354	UCR Pedicle Screw System from SeaSpine (information available at http://www.seaspine.com/UCR_Pedicle_Screw_System.html). Accessed December 5, 2005.	
	355	Victrex of Lancashire, Great Britain. (information on Victrex available at http://www.matweb.com). Accessed December 5, 2005.	

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